

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Previously Presented) A method for dynamically switching between network protocols, the method comprising:

conducting network communications from a client system via a first network protocol;

receiving, in the client system, performance data for the first network protocol;

receiving, in the client system, performance data for a second network protocol available to the client system;

receiving from a user a ranking of one or more performance factors displayed to the user to be used in determining whether to dynamically switch between network protocols;

while conducting network communications with the first network protocol, automatically determining whether switching from the first network protocol to the second network protocol would improve performance for the client system based at least on the user's ranking of the one or more performance factors; and

in response to determining that switching to the second network protocol would cause improved performance for the client system, automatically switching from the first network protocol to the second network protocol.

2. (Original) The method of Claim 1, wherein the first network protocol and second network protocol comprise a wireless network protocol selected from the group consisting of 802.11a, 802.11b and 802.11g.

3. (Previously Presented) The method of Claim 1, further comprising:
receiving, in the client system, performance data for a third network protocol available to the client system;

while conducting network communications with the first network protocol automatically determining whether switching from the first network protocol to the third network protocol would improve performance for the client system; and

in response to determining that switching to the third network protocol would cause improved performance for the client system, automatically switching from the first network protocol to the third network protocol.

4. (Previously Presented) The method of Claim 1, further comprising:
determining that switching to the second network protocol would cause improved performance based on energy consumption for the client system; and
switching from the first network protocol to the second network protocol.

5. (Original) The method of Claim 1, further comprising:
storing performance data for the first network protocol and second network protocol in the client system; and
accessing the performance data for the first network protocol and second network protocol.

6. (Original) The method of Claim 1, wherein performance data for the first network protocol and second network protocol comprises signal quality data.

7. (Original) The method of Claim 1, wherein performance data for the first network protocol and second network protocol comprises signal strength data.

8. (Previously Presented) An information handling system for dynamically switching between network protocols, the information handling system comprising:

a user interface configured to receive from a user a ranking of one or more performance factors displayed to the user to be used in determining whether to dynamically switch between network protocols;

a receiver module including logic instructions stored in computer-readable media and operable to receive communications governed by at least two network protocols;

a performance data module including logic instructions stored in computer-readable media and associated with the receiver module, the performance data module operable to obtain network performance data for the at least two network protocols; and

a dynamic switching module including logic instructions stored in computer-readable media and associated with the performance data module, the dynamic switching module operable to monitor performance data and determine whether to dynamically switch between network protocols based at least on the network performance data and the user's ranking of the one or more performance factors.

9. (Original) The information handling system of Claim 8, further comprising a performance data storage module operable to store performance data, the performance data storage module associated with the performance data module and the dynamic switching module.

10. (Previously Presented) The information handling system of Claim 9, wherein the performance data storage module further comprises at least one register, the at least one register operable to store performance data.

11. (Original) The information handling system of Claim 8, wherein the dynamic switching module further comprises:

a network protocol setting module operable to identify wireless communications according to the at least two network protocols;

a performance data comparison module operable to compare performance data for the at least two network protocols, and determine if switching to a second network protocol would improve network performance; and

the dynamic switching module operable to switch to a second network protocol if the performance data comparison module determines that switching to a second network protocol would cause improved performance.

12. (Original) The information handling system of Claim 8, wherein the at least two network protocols comprise wireless network protocols selected from the group consisting of 802.11a, 802.11b and 802.11g.

13. (Original) The information handling system of Claim 8, wherein the performance data module further comprises a signal quality indicator operable to monitor signal quality associated with communications according to each of the at least two network protocols.

14. (Original) The information handling system of Claim 8, wherein the performance data module further comprises a signal strength indicator operable to monitor received signal strength of communications according to each of the at least two network protocols.

15. (Previously Presented) A wireless network access card for dynamically switching between network protocols, the wireless network access card comprising:

a performance data receiver module, operable to receive performance data for communications according to at least two network protocols; and

a dynamic switching module associated with the performance data receiver module, the dynamic switching module operable to monitor and compare performance data of at least two network protocols and determine whether to dynamically switch network protocols based on performance data based at least on user rankings of one or more performance factors received from a user.

16. (Previously Presented) The wireless network access card of Claim 15, the dynamic switching module further comprising:

a network protocol setting module operable to identify wireless communications according to the at least two network protocols;

a performance data comparison module operable to compare performance data for the at least two network protocols and determine if switching to a second network protocol would improve performance; and

the dynamic switching module operable to switch to a second network protocol if the performance data comparison module determines that switching to a second network protocol would cause improved performance.

17. (Previously Presented) The wireless network access card of Claim 15, further comprising at least one storage register, the at least one storage register associated with the performance data receiver module and the dynamic switching module and operable to receive performance data from the performance data receiver module and provide performance data to the dynamic switching module.

18. (Previously Presented) The wireless network access card of Claim 15, wherein the performance data receiver module further comprises:

a signal quality indicator operable to monitor signal quality associated with communications according to each of the at least two network protocols; and

a signal strength indicator operable to monitor received signal strength associated with communications according to each of the at least two network protocols.

19. (Previously Presented) The wireless network access card of Claim 15, wherein the at least two network protocols comprise wireless network protocols selected from the group consisting of 802.11a, 802.11b and 802.11g.

20. (Previously Presented) The wireless network access card of Claim 15, further comprising a receiver module operable to receive communications governed by the at least two network protocols.

21-26. Cancelled.